

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/534,742B
Source: IFWP
Date Processed by STIC: 07/31/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/534,742B

TIME: 14:14:03

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

3 <110> APPLICANT: Corrado FOGHER
 5 <120> TITLE OF INVENTION: Food flours with specific technological characteristics and low
 6 allergenicity
 8 <130> FILE REFERENCE: 4161-12 / BX1898R
 10 <140> CURRENT APPLICATION NUMBER: US 10/534,742B
 11 <141> CURRENT FILING DATE: 2005-05-12
 13 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/005092
 14 <151> PRIOR FILING DATE: 2003-11-12
 16 <150> PRIOR APPLICATION NUMBER: IT BO2002A000714
 17 <151> PRIOR FILING DATE: 2002-11-13
 19 <160> NUMBER OF SEQ ID NOS: 44
 21 <170> SOFTWARE: MS Word
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 830
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Wheat
 28 <400> SEQUENCE: 1
 30 Met Thr Lys Arg Leu Val Leu Phe Ala Ala Val Val Val Ala Leu Val
 31 1 5 10 15
 33 Ala Leu Thr Ala Ala Glu Gly Glu Ala Ser Gly Gln Leu Gln Cys Glu
 34 20 25 30
 36 Arg Glu Leu Gln Glu His Ser Leu Lys Ala Cys Arg Gln Val Val Asp
 37 35 40 45
 39 Gln Gln Leu Arg Asp Val Ser Pro Glu Cys Gln Pro Val Gly Gly Gly
 40 50 55 60
 42 Pro Val Ala Arg Gln Tyr Glu Gln Gln Val Val Val Pro Pro Lys Gly
 43 65 70 75 80
 45 Gly Ser Phe Tyr Pro Gly Glu Thr Thr Pro Pro Gln Gln Leu Gln Gln
 46 85 90 95
 48 Ser Ile Leu Trp Gly Ile Pro Ala Leu Leu Arg Arg Tyr Tyr Leu Ser
 49 100 105 110
 51 Val Thr Ser Pro Gln Gln Val Ser Tyr Tyr Pro Gly Gln Ala Ser Ser
 52 115 120 125
 54 Gln Arg Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Glu Tyr
 55 130 135 140
 57 Tyr Leu Thr Ser Pro Gln Gln Ser Gly Gln Trp Gln Gln Pro Gly Gln
 58 145 150 155 160
 60 Gly Gln Ala Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Glu
 61 165 170 175
 63 Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Trp Gln Pro Glu Gln Leu Gln
 64 180 185 190
 66 Gln Pro Thr Gln Gly Gln Gln Arg Gln Gln Pro Gly Gln Gly Gln Gln
 67 195 200 205

CPG-6)

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/534,742B

TIME: 14:14:03

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

```

69 Leu Arg Gln Gly Gln Gln Gly Gln Gln Ser Gly Gln Gly Gln Pro Arg
70      210      215      220
72 Tyr Tyr Pro Thr Ser Ser Gln Gln Pro Gly Gln Leu Gln Gln Leu Ala
73 225      230      235      240
75 Gln Gly Gln Gln Gly Gln Gln Pro Glu Arg Gly Gln Gln Gly Gln Gln
76      245      250      255
78 Ser Gly Gln Gly Gln Gln Leu Gly Gln Gly Gln Gln Gly Gln Gln Pro
79      260      265      270
81 Gly Gln Lys Gln Gln Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Ile
82      275      280      285
84 Ser Pro Gln Gln Leu Gly Gln Gly Gln Gln Ser Gly Gln Gly Gln Leu
85      290      295      300
87 Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Ser Gly
88 305      310      315      320
90 Tyr Tyr Pro Thr Ser Ala Gln Gln Pro Gly Gln Leu Gln Gln Ser Thr
91      325      330      335
93 Gln Glu Gln Gln Leu Gly Gln Glu Gln Gln Asp Gln Gln Ser Gly Gln
94      340      345      350
96 Gly Arg Gln Gly Gln Gln Ser Gly Gln Arg Gln Gln Asp Gln Gln Ser
97      355      360      365
99 Gly Gln Gly Gln Gln Pro Gly Gln Arg Gln Pro Gly Tyr Tyr Ser Thr
100     370      375      380
102 Ser Pro Gln Gln Leu Gly Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser
103 385      390      395      400
105 Pro Gln Gln Pro Gly Gln Glu Gln Gln Pro Arg Gln Leu Gln Gln Pro
106      405      410      415
108 Glu Gln Gly Gln Gln Gly Gln Gln Pro Glu Gln Gly Gln Gln Gly Gln
109      420      425      430
111 Gln Pro Gly Gln Gly Glu Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln
112      435      440      445
114 Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro
115      450      455      460
117 Gln Gln Ser Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln
118 465      470      475      480
120 Gln Ser Gly Gln Leu Gln Gln Pro Ala Gln Gly Gln Gln Pro Gly Gln
121      485      490      495
123 Glu Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro
124      500      505      510
126 Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr
127      515      520      525
129 Ser Pro Gln Gln Ser Gly Gln Glu Gln Gln Leu Glu Gln Trp Gln Gln
130      530      535      540
132 Ser Gly Gln Gly Gln Pro Gly His Tyr Pro Thr Ser Pro Leu Gln Pro
133 545      550      555      560
135 Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ile Gly
136      565      570      575
138 Gln Gly Gln Gln Pro Gly Gln Leu Gln Gln Pro Thr Gln Gly Gln Gln
139      580      585      590
141 Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln Gly

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,742B

DATE: 07/31/2006

TIME: 14:14:03

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

```

142          595          600          605
144 Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln
145          610          615          620
147 Pro Gly Tyr Tyr Pro Thr Ser Leu Gln Gln Ser Gly Gln Gly Gln Gln
148 625          630          635          640
150 Pro Gly Gln Trp Gln Gln Pro Gly Gln Gly Leu Pro Gly Tyr Tyr Pro
151          645          650          655
153 Thr Ser Ser Leu Gln Pro Glu Gln Gly Gln Gln Gly Tyr Tyr Pro Thr
154          660          665          670
156 Ser Gln Gln Gln Pro Gly Gln Gly Pro Gln Pro Gly Gln Trp Gln Gln
157          675          680          685
159 Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser
160          690          695          700
162 Gly Gln Gly Gln Gln Pro Gly Gln Trp Leu Gln Pro Gly Gln Trp Leu
163 705          710          715          720
165 Gln Ser Gly Tyr Tyr Leu Thr Ser Pro Gln Gln Leu Gly Gln Gly Gln
166          725          730          735
168 Gln Pro Arg Gln Trp Leu Gln Pro Arg Gln Gly Gln Gln Gly Tyr Tyr
169          740          745          750
171 Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Gln Leu Gly Gln Gly
172          755          760          765
174 Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln
175          770          775          780
177 Gln Gly Tyr Asp Ser Pro Tyr His Val Ser Ala Glu His Gln Ala Ala
178 785          790          795          800
180 Ser Leu Lys Val Ala Lys Ala Gln Gln Leu Ala Ala Gln Leu Pro Ala
181          805          810          815
183 Met Cys Arg Leu Glu Gly Gly Asp Ala Leu Leu Ala Ser Gln
184          820          825          830
187 <210> SEQ ID NO: 2
188 <211> LENGTH: 815
189 <212> TYPE: PRT
190 <213> ORGANISM: Wheat
192 <400> SEQUENCE: 2
194 Met Thr Lys Arg Leu Val Leu Phe Ala Ala Val Val Val Ala Leu Val
195 1          5          10          15
197 Ala Leu Thr Ala Ala Glu Gly Glu Ala Ser Gly Gln Leu Gln Cys Glu
198          20          25          30
200 Arg Glu Leu Gln Glu His Ser Leu Lys Ala Cys Arg Gln Val Val Asp
201          35          40          45
203 Gln Gln Leu Arg Asp Val Ser Pro Glu Cys Gln Pro Val Gly Gly Gly
204          50          55          60
206 Pro Val Ala Arg Gln Tyr Glu Gln Gln Val Val Val Pro Pro Lys Gly
207 65          70          75          80
209 Gly Ser Phe Tyr Pro Gly Glu Thr Thr Pro Pro Gln Gln Leu Gln Gln
210          85          90          95
212 Ser Ile Leu Trp Gly Ile Pro Ala Leu Leu Arg Arg Tyr Tyr Leu Ser
213          100          105          110
215 Val Thr Ser Pro Gln Gln Val Ser Tyr Tyr Pro Gly Gln Ala Ser Ser

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/534,742B

DATE: 07/31/2006

TIME: 14:14:03

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

```

216      115      120      125
218 Gln Arg Pro Gly Gln Gly Gln Gln Glu Tyr Tyr Leu Thr Ser Pro Gln
219      130      135      140
221 Gln Ser Gly Gln Trp Gln Gln Pro Gly Gln Gly Gln Ser Gly Tyr Tyr
222 145      150      155      160
224 Pro Thr Ser Pro Gln Gln Ser Gly Gln Lys Gln Pro Gly Tyr Tyr Pro
225      165      170      175
227 Thr Ser Pro Trp Gln Pro Glu Gln Leu Gln Gln Pro Thr Gln Gly Gln
228      180      185      190
230 Gln Arg Gln Gln Pro Gly Gln Gly Gln Gln Leu Arg Gln Gly Gln Gln
231      195      200      205
233 Gly Gln Gln Ser Gly Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser Ser
234      210      215      220
236 Gln Gln Pro Gly Gln Leu Gln Gln Leu Ala Gln Gly Gln Gln Gly Gln
237 225      230      235      240
239 Gln Pro Glu Arg Gly Gln Gln Gly Gln Gln Ser Gly Gln Gly Gln Gln
240      245      250      255
242 Leu Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln Lys Gln Gln Ser
243      260      265      270
245 Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Ile Ser Pro Gln Gln Leu Gly
246      275      280      285
248 Gln Gly Gln Gln Ser Gly Gln Gly Gln Leu Gly Tyr Tyr Pro Thr Ser
249      290      295      300
251 Pro Gln Gln Ser Gly Gln Gly Gln Ser Gly Tyr Tyr Pro Thr Ser Ala
252 305      310      315      320
254 Gln Gln Pro Gly Gln Leu Gln Gln Ser Thr Gln Glu Gln Gln Leu Gly
255      325      330      335
257 Gln Glu Gln Gln Asp Gln Gln Ser Gly Gln Gly Arg Gln Gly Gln Gln
258      340      345      350
260 Ser Gly Gln Arg Gln Gln Asp Gln Gln Ser Gly Gln Gly Gln Gln Pro
261      355      360      365
263 Gly Gln Arg Gln Pro Gly Tyr Tyr Ser Thr Ser Pro Gln Gln Leu Gly
264      370      375      380
266 Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser Pro Gln Gln Pro Gly Gln
267 385      390      395      400
269 Glu Gln Gln Pro Arg Gln Leu Gln Gln Pro Glu Gln Gly Gln Gln Gly
270      405      410      415
272 Gln Gln Pro Glu Gln Gly Gln Gln Gly Gln Gln Gly Gln Gln Pro Gly Glu
273      420      425      430
275 Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln
276      435      440      445
278 Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly
279      450      455      460
281 Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Leu Gln
282 465      470      475      480
284 Gln Pro Ala Gln Gly Gln Gln Pro Gly Gln Glu Gln Gln Gly Gln Gln
285      485      490      495
287 Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro
288      500      505      510

```

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/534,742B

TIME: 14:14:03

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

```

290 Thr Ser Pro Gln Gln Ser Gly Gln Glu Gln Gln Leu Glu Gln Trp Gln
291          515          520          525
293 Gln Ser Gly Gln Gly Gln Pro Gly His Tyr Pro Thr Ser Pro Leu Gln
294          530          535          540
296 Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ile
297 545          550          555          560
299 Gly Gln Gly Gln Gln Pro Gly Gln Leu Gln Gln Pro Thr Gln Gly Gln
300          565          570          575
302 Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Glu
303          580          585          590
305 Gly Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly
306          595          600          605
308 Gln Pro Gly Tyr Tyr Pro Thr Ser Leu Gln Gln Ser Gly Gln Gly Gln
309          610          615          620
311 Gln Pro Gly Gln Trp Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr
312 625          630          635          640
314 Pro Thr Ser Ser Leu Gln Pro Glu Gln Gly Gln Gln Gly Tyr Tyr Pro
315          645          650          655
317 Thr Ser Gln Gln Gln Pro Gly Gln Gly Pro Gln Pro Gly Gln Trp Gln
318          660          665          670
320 Gln Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln
321          675          680          685
323 Ser Gly Gln Gly Gln Gln Pro Gly Gln Trp Leu Gln Pro Gly Gln Trp
324          690          695          700
326 Leu Gln Ser Gly Tyr Tyr Leu Thr Ser Pro Gln Gln Leu Gly Gln Gly
327 705          710          715          720
329 Gln Gln Pro Arg Gln Trp Leu Gln Pro Arg Gln Gly Gln Gln Gly Tyr
330          725          730          735
332 Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Gln Leu Gly Gln
333          740          745          750
335 Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly
336          755          760          765
338 Gln Gln Gly Tyr Asp Ser Pro Tyr His Val Ser Ala Glu His Gln Ala
339          770          775          780
341 Ala Ser Leu Lys Val Ala Lys Ala Gln Gln Leu Ala Ala Gln Leu Pro
342 785          790          795          800
344 Ala Met Cys Arg Leu Glu Gly Gly Asp Ala Leu Leu Ala Ser Gln
345          805          810          815
347 <210> SEQ ID NO: 3
348 <211> LENGTH: 839
349 <212> TYPE: PRT
350 <213> ORGANISM: Wheat
352 <400> SEQUENCE: 3
354 Met Ala Lys Arg Leu Val Leu Phe Val Ala Val Val Val Ala Leu Val
355 1          5          10          15
357 Ala Leu Thr Val Ala Glu Gly Glu Ala Ser Glu Gln Leu Gln Cys Glu
358          20          25          30
360 Arg Glu Leu Gln Glu Leu Gln Glu Arg Glu Leu Lys Ala Cys Gln Gln
361          35          40          45

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/534,742B

DATE: 07/31/2006
TIME: 14:14:04

Input Set : A:\10534742.txt
Output Set: N:\CRF4\07312006\J534742B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:44; Xaa Pos. 2

VERIFICATION SUMMARY

DATE: 07/31/2006

PATENT APPLICATION: US/10/534,742B

TIME: 14:14:04

Input Set : A:\10534742.txt

Output Set: N:\CRF4\07312006\J534742B.raw

L:2115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0